

# EN13 The Evolution of Sex

While watching, complete this video guide.

Three things I knew A- \_\_\_\_\_ that were confirmed  
 in the video: B- \_\_\_\_\_  
 C- \_\_\_\_\_

Three things I didn't know A- \_\_\_\_\_  
 but I now know because I B- \_\_\_\_\_  
 watched the video. C- \_\_\_\_\_

- \_\_\_ Δ 1. Bacteria are almost genetically \_\_\_\_\_, but sexual reproduction gives us genetic variation and diversity.
- \_\_\_ Δ 2. The Theory of the Red (Queen / Dwarf) proposes that the purpose of sexual reproduction gives us unique immune systems to help fight off germs.
- \_\_\_ Δ 3. Research shows that women can detect genetic differences through \_\_\_\_\_.
- \_\_\_ Δ 4. In the study, women men who had genes that \_\_\_\_\_ some of their own.
- \_\_\_ Δ 5. Natural selection is the cornerstone of \_\_\_\_\_.
- \_\_\_ Δ 6. Creatures have to survive in their environment and compete to pass on \_\_\_\_\_.
- \_\_\_ Δ 7. The more eyespots a peacock has on his tail, the more likely it is that his offspring will \_\_\_\_\_.
- \_\_\_ Δ 8. Ornamental traits often mean that a male is only offering his \_\_\_\_\_ - not a child rearing partner.
- \_\_\_ Δ 9. Female seahorses aggressively compete for the males, and males carry the \_\_\_\_\_.
- \_\_\_ Δ 10. The same signal that attracts a potential mate can also attract unwanted (predators / parasites).
- \_\_\_ Δ 11. A parasitoid fly is attracted to the call that male \_\_\_\_\_ use to attract a mate.
- \_\_\_ Δ 12. Romantic love releases (dopamine / serotonin), which is the same chemical your brain releases in response to nicotine or cocaine.
- \_\_\_ Δ 13. The (frontal lobe / hypothalamus) creates vasopressin and oxytocin, the chemicals involved in forming long-term attachment.
- \_\_\_ Δ 14. Plants make \_\_\_\_\_ to attract pollinators so they can reproduce.
- \_\_\_ Δ 15. Not only is our size, shape, and intellect controlled by evolution: so is our \_\_\_\_\_ and our feelings.